

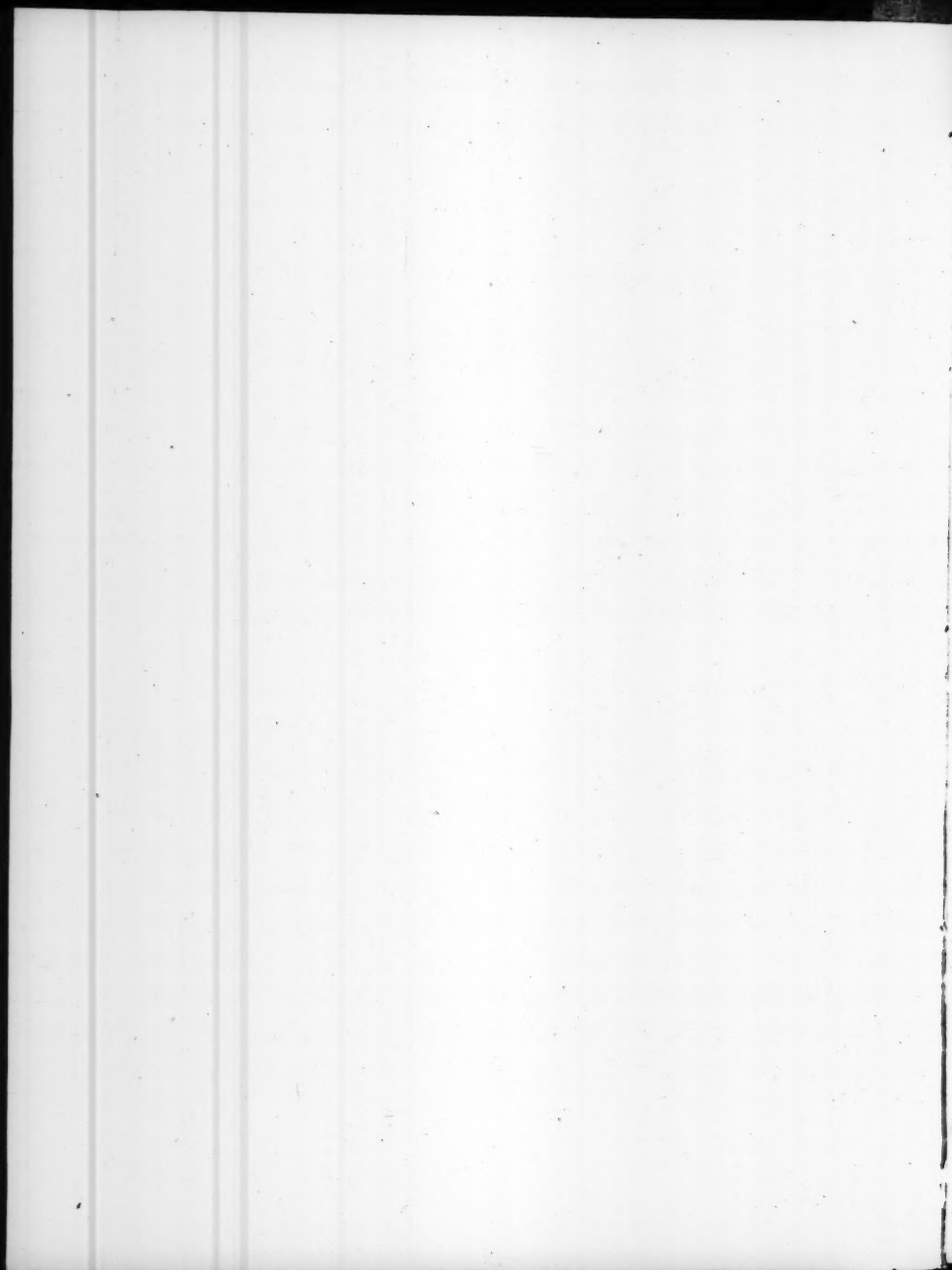
ROBERTS. 1639.

A prognostication.

[Leaves C 1-4 ]

Found Feb. 1933 among early  
printed scraps taken from  
binding.

Alm. f. 1639. 1



Dates	da.	brea.	Sun	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	13th.	14th.	15th.	16th.	17th.	18th.	19th.	20th.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	31st.
5	5	7	57	8																														
10	5	7	50	8																														
15	5	39	7	42	8																													
20	5	32	7	32	8																													
25	5	25	7	26	9																													
30	5	16	7	17	9																													

Saturne in 9 deg. of  $\pi$  is neere the Sun. Iupiter in the first deg. of  $\gamma$  riseth at 3 and 14 minuts, and is south at 7 and 16 minuts in the same morning. Mars in 2 deg. of  $\gamma$  is south at 3 and 40 minuts after noone, and sets at 9 and 44 minuts at night. Venus and Mercury are neere the sunne. The 7 Stars are south, at 7 and 55 minuts at night. The Bulls eye at 8 and 42 minuts. Orions right shoulder at 10 and 2 minuts at night.

February.										
Dates	da.	brea.	Sun	1st.	2nd.	3rd.	4th.	5th.	6th.	7th.
5	5	7	7	5	9	50	2	16	14	10
10	4	59	6	56	10	8	2	34	13	53
15	4	49	6	46	10	28	2	54	13	32
20	4	40	6	36	10	48	3	14	13	12
25	4	30	6	26	11	8	3	34	12	52
28	4	25	6	20	11	20	3	56	12	40

Iupiter in 5 deg. of  $\gamma$  rise at one and 45 minuts, and is south at 5 and 41 minuts in the morning. Mars in 25 deg. of  $\gamma$  is south at 3 a clocke at 9 and 53 minuts in the morning. Orion right shoulder south at 7 and 1 minuts at night. The great Dog-Scarre is south at 8 and 49 min: The little Dog south at 9 and 10 min: at night. The Lions hart south 13 min: after midnight. Virgins spicke south at 3 and 26 min. morning Arcturus south at 4 and 19 min. morning.

March

		6 12	40 8	20 8	46 10	40 8
		6 12				
		26 12				
	20 4	46 11	40 8			
	40 12	6 11	20 8			
35	20 13	0 5	26 11	0 8		
12 5	20 13	20 5	46 10	40 8		

Jupiter in 6 deg. of ♄ riseth at 11 and 56 min. at night.  
 & is south at 4 next morning Mars in 14 deg. of ♄ sets at  
 10 a clocke and 2 min. at night. Venus is neere the Sun.  
 Mercury in 11 deg. of ♄ riseth at a quarter after 5 in the  
 morning

The little Dog star South at 7 and 5 2 min. at night.  
The Lions hart South at 10 and 25 min. at night. Vir-  
gins speck South at one. and 38 min. morning. South  
balance, South at 3 and 2 min. mor. Scorpio.s heart  
South at 4 and 38 minuts in the morning

Dates	April.											
	day	area	Sun	alt	eng.	day	day	incr	length	ng	twiligh	
5	2	55	5	10	13	40	6	6	10	20	9	5
10	2	40	5	0	14	06		26	10	0	9	20
15	2	25	4	5	14	18	6	34	9	42	9	35
20	2	8	4	2	14	36	7	2	9	24	9	52
25	1	5	4	3	14	52	7	18	9	8	10	9
30	1	30	4	2	15	8	7	34	0	52	10	30

Saturne in 18 deg.  $\cap$  sets at 2 and 40 min in the morning Jupiter in 4 Deg of  $\Gamma$  is south at 10. and 2 min. at night, Mars in 5. Deg of  $\Pi$  sets at 10 and 9 min. at night. Venus in 21 Deg. of  $\gamma$  sets at 8 and 43 min. at night. Mercury in 8 deg. of  $\delta$  sets at 7 and 33 min at night.

May



5	1				
10	continuat	3			
15	batting.	4			
20		3	59		
25		3	51	16	
30		2	50	16	20

Saturne in 19 deg. of  $\pi$  riseth a quarter of the morning. Iupiter in 1 deg. of  $\gamma$  riseth at afternoone, is south at 11 and 52 min. at night at 3 and 54 min. next morning. Mars in 16 deg. of  $\delta$  is at 10 a clocke at night. Venus in 27 deg. of  $\eta$  sets at 5 min. at night Mercury in 25 deg. sets at 9 and 55 min. at night.

June.						
Dates	day breac	Sun rise	leng. day	day inci	len. nig	twilight
5	continuat batting.	3 48 16	24 8	50 7	36	continuat twilight.
10		3 47 16	26 8	52 7	34	
15		3 47 16	26 decrease.	7	34	
20		3 49 16	22	47	38	
25		3 52 16	16	16 7	44	
30		3 55 16	10	16 7	50	

Saturne in 19 deg. of  $\pi$  riseth at 10 and 32 minutes, is south at 3 and 8 min. in the morning. Iupiter, in 27 deg. of  $\eta$  is south at 9 and 25 min. at night, and sets at one a 33 min. next morning. Mars in 16 deg. of  $\delta$  sets at 9 and 40 min. at night. Venus in 4 deg. of  $\zeta$  sets at 10 and 3 min. at night. Mercury, in 25 deg. of  $\gamma$  riseth at 2 and 31 min. in the morning.

C

July

			continu.
12	awnia.		
24	11	15	
38	10	46	
54	10	24	
10	10	51	

Saturne in 14 deg. of  $\pi$  riseth at 8 and 28 min. at night, is south at one in the morning. Iupiter in 27 Deg. of  $\pi$  riseth at 7 and 18 min. at night, and sets at 3 & 10 in the morning. Mars is neere the Sun. Venus in 9 deg. of  $\pi$  sets at 9 and 10 min. at night. Mercury in 19 deg. of  $\odot$  riseth at 3 a'clock in the morning.

August.									
Dates	day	brea	Sun rise	leng day	lay deer	leng nig	twilight.		
5	2	16	4	46	14	28	1	58	9
10	2	32	4	55	14	10	2	16	9
15	2	46	5	4	13	52	2	34	10
20	3	1	5	13	13	34	2	52	10
25	3	14	5	23	13	14	3	12	10
30	3	27	5	32	12	56	3	30	11

Saturne in 14 deg. of  $\pi$  riseth at 6 and 27 minuts at night, is south at 10 and 53 min. and sets at 3 and 19 min. in the morning. Iupiter, in 28 deg. of  $\pi$  sets at 8 & 16 min. at night. Mars in 25 deg. of  $\pi$  riseth at 4 and 24 min. morning. Venus in 14 deg. of  $\pi$  sets at 8 and 13 min. at night. Mercury in 17 deg. of  $\pi$  sets halfe an houre betwixt the Sun.

September

Roberts. 1639.

September.

d.	break	Sun rise.	long day	day dec.	long. nig	twilight.
5	3	42 5	44 12	32 3	54 11	28 3 18
10	3	54 5	54 12	12 4	15 11	48 3 6
15	4	5 5	4 11	52 4	35 12	8 7 55
20	4	17 5	14 11	32 4	54 12	28 7 43
25	4	27 6	24 11	12 5	14 12	48 7 33
30	4	38 6	34 10	52 5	24 12	8 7 22

Saturne in 12 deg of ♄ is south at 8 and 51 min. at night, and sets a quarter after one in the morning. Iupiter in 2 deg of ♃ sets at 7 and 55 min. at night. Mars in 4 deg. of ♂ riseth at 4 and 25 min. in the mor. Venus, in 18 de: of ♀ sets at 7 and 18 min. at night. Mercury in 25 de. grees of ♄ sets at 6 and 33 min. at night.

October.

Dates	day break	Sun rise.	long day	d. decrea.	long. nig	twilight.
5	4	42 6	44 10	32 5	44 13	28 7 13
10	4	56 6	54 10	12 6	14 13	48 7 4
15	5	5 7	3 9	54 6	32 14	6 6 55
20	5	14 7	12 9	36 6	50 14	24 6 46
25	5	21 7	21 9	18 7	8 14	42 6 39
30	5	30 7	30 9	0 7	26 15	0 6 30

Saturne in 12 deg: of ♄ is south at 7 and 2 minutes, at night, and sets at 11 and 26 min. at night Iupiter in 7 deg. of ♃, sets at 6 a clock at night. Mars in 4 deg. of ♀ riseth at 4 and 27 min. in the morning. Venus in 13 deg. of ♀ sets at 6 and 28 min. at night. Mercury in 16 deg ♄, riseth at 4 and 27 min. in the morning.

For the first time at 7 and 29 min. at night Andromidas head at 4 and 42 min. at night. first star of Aries south at 27 after midnight. Pleiades or 7 stars south at 2 and 19 min. in the morning. The Bulls eye south at 2 and 8 minutes in the morning.

# A Prognostication.

## November.

Dates	d. breake	Sun rise.	lang. day	d. decreas.	lang. nig	twilight
5 5	37 7	40 8	40 7	42 15	22 6	23
10 5	34 7	48 8	24 8	2 15	36 6	17
15 5	48 7	55 8	10 2	16 15	50 6	12
20 5	53 8	1 7	58 8	28 16	2 6	7
25 5	56 8	6 7	48 8	38 16	12 6	4
30 5	59 8	10 7	40 8	46 16	20 6	1

Saturne in 13 deg. of  $\pi$ , is south at 5 and 2 min. and sets and 17 min. the same night. Jupiter in 14 deg. of  $\gamma$  sets halfe an houre after the sun Mars in 14 deg. of  $\pi$ , riseth at 4 and 19 min. in the morning. Venus in 19 deg. of  $\gamma$ , sets at 4 and 54 minutes. Mercury is neere the sunne. Andromides head south at 8 and 42 min. at night. first starre of Aries south at 10 and 27 minutes at night.

## December.

Dates	d. breake	Sun rise.	lang. day	d. decreas.	lang. nig	twilight
5 6	1 8	12 7	36 8	50 16	24 5	59
10 6	2 8	12 7	34 8	52 16	26 5	58
15 6	1 8	13 7	34 d. increa.	16	26 5	59
20 6	0 8	11 7	38	4 16	22 6	0
25 5	58 8	8 7	44	10 16	16 6	2
30 5	54 8	3 7	53	20 16	6 6	6

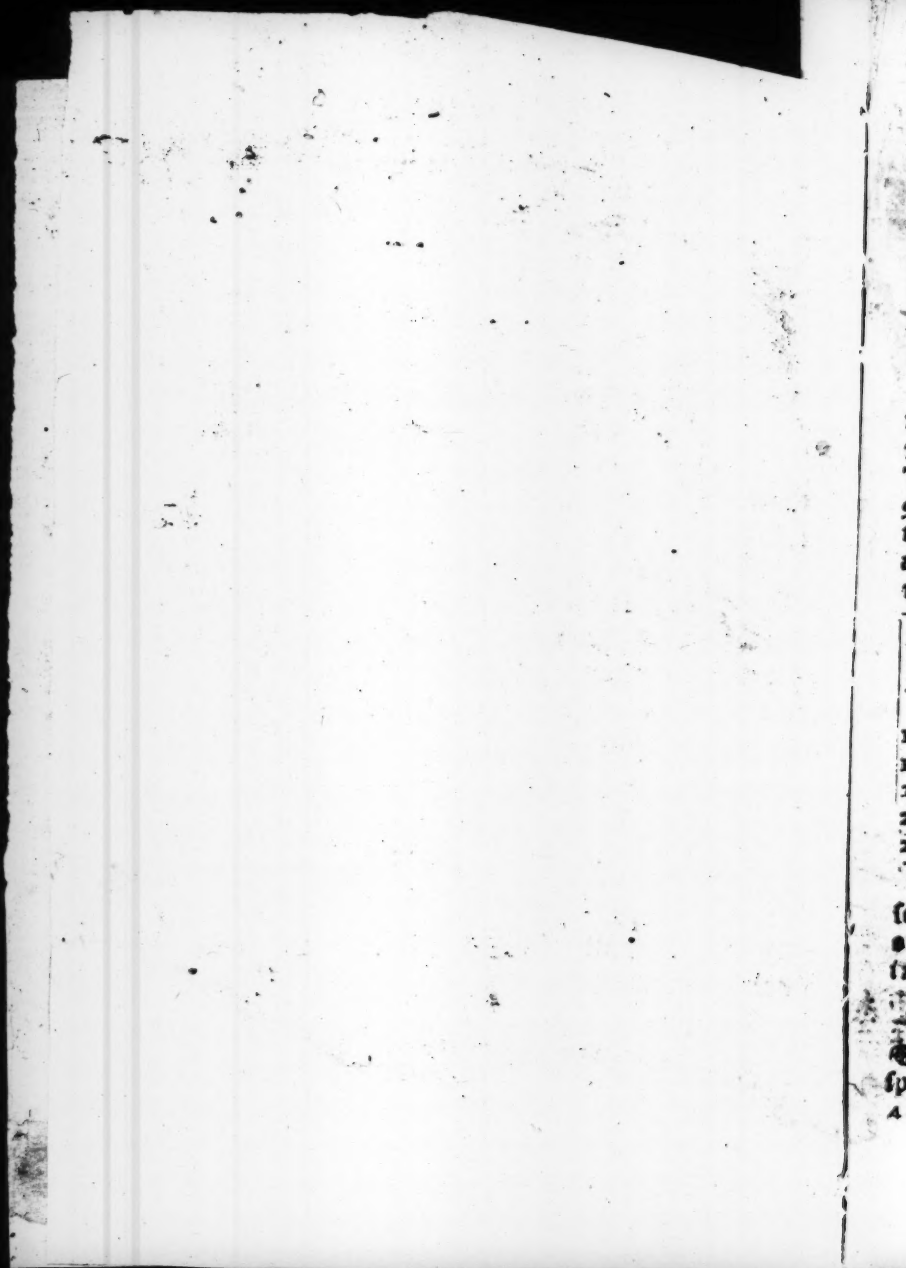
Saturne in 16 deg. of  $\pi$  sets at 7 and 31 min. at night. Jupiter in 10 deg. of  $\gamma$  and riseth at 6 & 30 min. mor. Mars in 4 deg. of  $\pi$  riseth at 4 a clocke in the morning. Venus in 7 deg. of  $\gamma$ , riseth at 6 and 12 min. in the morning. Mercury in 17 deg. of  $\gamma$  sets at 4 and 4 min. at night. first star in Aries south at 8 and 19 min at night. Pleiades or 7 starres south at 10 and 11 min. at night. The Bulls eye south at 11 a clocke at night.

Roberts 1639.

The use of these monethly tables is to find the time of the Sunrising, the length of the day and night, the day breake, and the continuance of twilight; with the increasing and decreasing of the dayes: whose use will appeare in this one example.

January 20 I desire all or any of the things before named: I therefore looke for the moneth of January, and on the left hand for the twenty day thereof, under the title dayes, and then proceeding towards the right hand, and in the next colūme is 5 houres and 32 minuts, for the day breake, as the title over it shewes: next is 7 houres 34 min. for the sunrising: next is 8 houres 4 minuts the length of the day: and next is 1 houre 20 minuts, the dayes increase, and so much are the dayes lengthened since they were at the shortest, and so the rest of the colūmes as their titles shew: Only note that the first number is houres, and the second is minuts. Note also that for every moneth there is after his table the planets true place in the Ecliptique of the day of every moneth with their Nocturnall rising, southing, and setting, in houres and minuts.

There is also the coming to the south of the fixed stars, by which a neere estimate of the houre of the night may be had.



Roberts. 1639.

January.										
Dates	day	brea.	Sun rise	leng day	day incr.	leng. nig.	twi lig.			
5	5	50	7 57	8 8	34	15	54	6	10	
10	5	49	7 50	8 20	46	15	40	6	15	
15	5	39	7 42	8 38	04	15	24	6	21	
20	5	32	7 32	8 54	20	15	8	6	28	
25	5	25	7 26	9 8	34	14	52	6	35	
30	5	16	7 17	9 36	52	14	34	6	42	

Saturne in 9 deg. of  $\pi$  is neere the Sun. Iupiter in the first deg. of  $\Upsilon$  riseth at 3 and 14 minutes, and is south at 7 and 16 minutes in the same morning. Mars in 2 deg. of  $\Upsilon$  is south at 3 and 40 minutes after noone, and sets at 9 and 44 minutes at night. Veuns and Mercury are neere the sunne. The 7 Stars are south, at 7 and 55. minutes at night. The Bulls ele at 8 and 42 minutes. Orions right shoulder at 10 and 2 minutes at night.

February.										
Dates	da.	brea.	Sun set.	leng. day	d. increa	leng. nig.	twi light			
5	5	7	7 59	50	2	16	14	10	6	53
10	4	52	6 56	10 8	2	34	13	52	7	1
15	4	49	6 46	10 28	2	54	13	32	7	11
20	4	40	6 36	10 48	3	14	13	12	7	20
25	4	30	6 26	11 8	3	34	12	52	7	30
28	4	25	6 20	11 20	3	56	12	40	7	35

Iupiter in 5 deg. of  $\Upsilon$  rise at one and 45 minutes, and is south at 5 and 41 minutes in the morning. Mars in 25 deg. of  $\Upsilon$  is south at 3 a clocke and sets at 9. and 53 minutes in the morning. Orion right shoulder is south at 7 and 53 minutes. The great Dog-Scarfe is south at 8 and 11 minutes. The Dog south at 9 and 10 minutes at night. The Lions hart south 1 minute after mid night. Virgins spike south at 3 and 25 min. morning. Arcturus south at 4 and 19 min. morning.



# A Prognostication.

March.							
Dat.	da. brea	Sun rise	eng. day	day incr	eng nig	twi	ligh.
5 4	13 6	10 12	40 4	6 12	20 7	47	
10 4	16	0 12	0 4	26 12	0 7	39	
15 3	49 5	50 12	30 4	46 11	40 8	11	
20 3	38 5	40 12	40 5	6 11	30 8	11	
25 3	25 5	30 13	0 5	26 11	0 8	35	
30 3	12 5	20 13	30 5	46 10	40 8	48	

Jupiter in 6 deg. of ♄ riseth at 1 and 56 min. at night, & is south at 4 next morning. Mars in 14 deg. of ♂ is at 1 o'clock and 1 min. at night. Venus is neerer the Sun, Mercury in 11 deg. of ☿ riseth at a quarter after 5 in the morning.

The little Dog star south at 7 and 52 min. at night. The little star south at 10 and 25 min. at night. Virgin's star south at one, and 38 min. morning. South's star, south at 3 and 2 min. mor. Scorpio's heart south at 4 and 38 minutes in the morning.

April.							
Dat.	day brea	Sun rise	eng. day	day incr	eng nig	twi	ligh.
5 2	55 2	10 13	40 6	6 10	20 9	5	
10 2	40	0 14	0 6	26 10	0 9	20	
15 2	25 1	51 14	18 6	34 9	42 9	35	
20 2		42 14	36 7	2 9	24 9	52	
25 1	51 4	34 14	52 7	18 9	8 10	9	
30 1	30 4	26 15	8 7	34 8	52 10	30	

Saturne in 18 deg. of ♄ riseth at 2 and 40 min. in the morning. Jupiter in 4 deg. of ♄ is south at 10 and 1 min. at night. Mars in 5 deg. of ♂ is at 10 and 1 min. at night. Venus in 11 deg. of ☿ is at 8 and 1 min. at night. Mercury in 11 deg. of ☿ is at 8 and 1 min. at night.



5	1				
10		35			
15		4			
20		3	59		
25		3	51	10	
30		3	50	16	2

Saturne in 19 Degr. of ♄ riseth a quarter of the morning. Jupiter in 1 Deg. of ♃ riseth at 11 and 52 min. at night. Mars in 26 Deg. of ♂ riseth at 3 and 54 min. next morning. Venus in 27 Deg. ♀ sets at 10 and 5 min. at night. Mercury in 25 Deg. ☿ sets at 9 and 55 min. at night.

June.							
Dates	day breac	Sun rise	leng. day	day inci	len. nig.	twyli	
5	continually dawning.	3	48 16	24 8	50 7	36	twilight.
10		3	47 16	26 8	52 7	34	
15		3	47 16	26 decrease	7	34	
20		3	49 16	22	47	38	
25		3	52 16	16	16 7	44	
30		3	55 16	10	16 7	50	

Saturne in 19 Degr. of ♄ riseth at 10 and 32 min. at night. Jupiter in 1 Deg. of ♃ riseth at 9 and 27 min. at night. Mars in 26 Deg. of ♂ riseth at 3 and 54 min. next morning. Venus in 27 Deg. ♀ sets at 10 and 5 min. at night. Mercury in 25 Deg. ☿ riseth at 2 and 31 min. in the morning.

		at night	
	0	continu.	
	12	awn	n
	24	11	15
	38	10	40
	54	10	24
	10	10	51

7 deg. of  $\pi$  riseth at 8 and 28 min. at night  
 south at one in the morning. Iupiter in 27 deg. of  
 $\pi$  riseth at 7 and 18 min. at night, and sets at 3 & 10  
 in the morning. Mars is nere the Sun. Venus in 9  
 of  $\pi$  sets at 9 and 10 min. at night. Mercury in 19  
 of  $\pi$  riseth at 3 a clock in the morning.

### August.

day	brpa	Sun rise	leng day	lay deer	leng nig	twilight
1	16	4	46 14	28 1	38 9	32 9 44
2	32	4	55 14	102	16 9	50 9 28
2	46	5	4 13	52 2	34 10	8 9 14
3	15	13 13	34 2	52 10	26 8	59
3	14	5	23 11	14 3	12 10	46 8 46
3	27	5	32 12	56 3	30 11	4 8 33

acutne in 14 deg. of  $\pi$  riseth at 6 and 27 minutes at  
 night, south at 10 and 53 min. and sets at 3 and 19  
 in the morning. Iupiter in 28 deg. of  $\pi$  sets at 8 &  
 in the morning. Mars in 25 deg. of  $\pi$  riseth at 4 and 24  
 in the morning. Venus in 14 deg. of  $\pi$  sets at 8 and 13 min.  
 Mercury in 17 deg. of  $\pi$  sets halfe an houre at

Roberts. 1639.

September.

Day	break	Sun rise.	leng day	day det.	leng. nig	twilight.
53	42 5	44 12	32 3	54 11	23 8	18
103	54 5	54 12	12 4	15 11	48 8	6
154	5 5	4 11	52 4	35 12	8 7	55
204	17 5	14 11	32 4	54 12	28 7	43
254	27 6	24 11	12 5	14 12	48 7	33
304	38 6	34 10	52 5	24 13	8 7	22

Saturne in 12 deg. of  $\pi$  is south at 8 and 51 min. at night, and sets a quarter after one in the morning. Jupiter in 2 deg. of  $\uparrow$  sets at 7 and 55 min. at night. Mars in 4 deg. of  $\uparrow$  riseth at 4 and 25 min. in the mor. Venus in 18 deg. of  $\uparrow$  sets at 7 and 18 min. at night. Mercury in 25 deg. of  $\pi$  sets at 6 and 33 min. at night.

October.

Day	break	Sun	leng day	decrea	leng. nig	twilight.
54	42 6	44 10	32 5	44 13	23 7	13
104	56 6	54 10	12 6	14 13	48 7	4
155	5 7	3 9	54 6	32 14	6 6	55
205	14 7	12 9	36 8	50 14	24 6	46
255	21 7	21 9	18 7	8 14	42 6	39
305	30 7	30 9	0 7	16 15	0 6	30

Saturne in 12 deg. of  $\pi$  is south at 7 and 3 minutes at night, and sets at 11 and 26 min. at night. Jupiter in 2 deg. of  $\uparrow$  sets at 6 a clock at night. Mars in 4 deg. of  $\pi$  riseth at 4 and 27 min. in the morning. Venus in 18 deg. of  $\uparrow$  sets at 6 and 28 min. at night. Mercury in 18 deg. of  $\pi$  riseth at 4 and 27 min. in the morning.

Fomahaud south at 9 and 29 min. at night. Andromidas head at 10 and 42 min. at night. first star of Aires south at 12 after midnight. Pleiades or 7 starres south at 1 and 12 min. in the morning. The Bulls eye south at 1 and 12 min. in the morning.

# A Prognostication.

## November.

Dates	d. breake	Sun rise.	lang. day	d. decrea.	lang. nig	twilight
5 5	37 7	40 8	40 7	42 15	23 6	23
10 5	34 7	48 8	24 8	2 15	36 6	17
15 5	48 7	55 8	10 2	16 15	50 6	12
20 5	53 8	1 7	58 8	28 16	2 6	7
25 5	56 8	6 7	48 8	38 16	12 6	4
30 5	59 8	10 7	40 8	46 16	20 6	1

Saturne in 13 Deg. of  $\pi$ , is south at 5 and 2 min. and sets and 17 min. the same night. Jupiter in 14 Deg. of  $\Gamma$  sets halfe an houre after the sun Mars in 24 Deg. of  $\pi$ , riseth at 4 and 19 min. in the morning. Venus in 19 Deg. of  $\Gamma$ , sets at 4 and 54 minutes. Mercury is neere the sunne. Andromides head south at 8 and 42 min. at night. First Starre of Aries south at 10 and 27 minutes at night.

## December.

Dates	d. breake	Sun rise.	lang. day	d. decrea.	lang. nig	twilight
5 6	18	12 7	36 8	50 16	24 5	59
10 6	28	13 7	34 8	52 16	26 5	58
15 6	18	13 7	34 d. increa.	16	26 5	59
20 6	08	11 7	38	4 16	22 6	0
25 5	58 8	8 7	44	10 16	16 6	2
30 5	54 8	3 7	53	20 16	6 6	6

Saturne in 16 Deg. of  $\pi$  sets at 7 and 31 min. at night. Jupiter in 10 Deg. of  $\Gamma$  and riseth at 6 & 30 min. mor. Mars in 4 Deg. of  $\pi$  riseth at 4 a clocke in the morning. Venus in 7 Deg. of  $\Gamma$ , riseth at 6 and 13 min. morning. Mercury in 17 Deg. of  $\nu$  sets at 4 and 43 min. at night. First Star in Aries south at 8 and 19 min at night. Pleiades or 7 Saites south at 10 and 11 min. at night. The Bulls south at 11 a clocke at night.

The

Roberts 1639.

The use of these most handy tables is to find the time of the Sunrising, the length of the day and night, the day breake, and the coming out of the light; with the increase and decrease of the dayes, which all these things appeare in this one ex-

January 20 I desire all or any of the things before named: I therefore looke for the moneth of January, and on the left hand for the twenty day thereof, under the title dayes, and then proceeding towards the right hand, and in the next coluime is 5 houres and 32 minuts, for the day breake, as the title over it shewes: next is 7 houres 34 min. for the sunrising: next is 8 houres 54 minuts the length of the day: and next is 1 houre 20 minuts, the dayes increase, and so much are the dayes lengthened since they were at the shortest, and in the rest of the coluines as their titles shew: Only note that the first number is houres, and the second is minuts. Note also that for every moneth there is after his table the planets true place in the Ecliptique of the day of every moneth with their Ascendant rising, southing, and setting, in houres and minuts.

There is also the coming to the south of many of the fixed stars, by which a more estimate of the hour of the night may be had.



5	5		
10	5	45	
15	5	39	
20	5	32	7
25	5	25	7
30	5	16	7

Saturne in 9 deg. of  $\gamma$  is in the first deg. of  $\gamma$  riseth at 3 and 14 minutes, at 7 and 16 minutes in the same morning. Mars in  $\gamma$  is south at 3 and 40 minutes after noone, and 9 and 44 minutes at night. Venus and Mercury are the sunne. The 7 Stars are south, at 7 and 55 minutes at night. The Bulls eye at 8 and 42 minutes. The right shoulder at 10 and 2 minutes at night.

Daies	February.							
	da.	b.	ca.	Sun	let.	leng.	day	d.
5	5	7	7	5	9	50	2	16
10	4	59	6	56	10	8	2	34
15	4	49	6	46	10	28	2	54
20	4	40	6	36	10	48	3	14
25	4	30	6	26	11	8	3	34
28	4	25	6	20	11	30	2	56

Jupiter in 5 deg. of  $\gamma$  rise at one and 45 minutes, south at 5 and 41 minutes in the morning. Mars in 2 of  $\gamma$  is south at 3 a clocke and sets at 9 and 53 minutes. The right shoulder is south at 7 and 55 minutes. The great Dog-Starre is south at 10 and 2 minutes.

W ligh.

20	7	47
C	7	59
40	8	11
20	8	22
0	8	35
20	8	48

of  $\gamma$  riseth at 11 and 56 min. at night,  
 at 4 next morning Mars in 14 deg. of  $\delta$  sets at  
 2 min. at night. Venus is neere the Sun,  
 in 11 deg. of  $\epsilon$  riseth at a quarter after 5 in the  
 morning  
 the little Dog Star south at 7 and 51 min. at night.  
 Lions hart south at 10 and 25 min. at night. Vir-  
 go south at one, and 38 min. morning. South  
 at 3 and 2 min. noon. Scorpio.s heart  
 at 4 and 38 minuts in the morning

### April.

day	brea	Sun	inc	eng.	day	day	incr	long	alg.	twigh
5	2	10	13	40	6	6	10	20	9	5
		0	14	06	26	10	0	9	20	
		51	14	18	6	34	9	42	9	35
8	4	42	14	36	7	2	9	24	9	32
51	4	34	14	52	7	18	9	8	10	9
30	4	26	15	87	34	8	52	10	30	

ne in 18 deg. of  $\alpha$  riseth at 2 and  
 Jupiter in 4 deg. of  $\gamma$  is south  
 Mars in 11 deg. of  $\delta$  sets  
 deg. 0



The use of these monethly tables is to find the time of the Sunrising, the length of the day and night, the day breake, and the continuance of twilight; with the increasing and decreasing of the dayes: whose use will appeare in this one example.

January 20 I desire all or any of the things before named: I therefore looke for the moneth of January, and on the left hand for the twentieth day thereof, under the title dayes, and then proceeding towards the right hand, and in the next colu[m]ne is 5 houres and 32 minuts, for the day breake, as the title over it shewes: next is 7 houres 34 min. for the sunrising: next is 8 houres 54 minuts the length of the day: and next is 1 houre 20 minuts, the dayes increase, and so much are the dayes lengthened since they were at the shortest, and so the rest of the colu[m]nes as their titles shew: Only note that the first number is houres, and the second is minuts. Note also that for every moneth there is after his table the planets true place in the Ecliptique of the day of every moneth with their Ascendant rising, southing, and setting, in houres and minuts.

There is also the coming to the south of many red starres, by which a neere estimate of the length of the night may be had.





# A Prognostication.

March.							
Dai.	da.brea	Sun rise.	leng.day	day increa.	leng.ngil	twi	ligh.
5 4	13 6	10 12	40 4	6 12	20 7	47	
10 4	16	0 12	0 4	26 12	0 7	59	
15 3	49 5	50 12	20 4	46 11	40 8	11	
20 3	38 5	40 12	40 5	6 11	20 8	22	
25 3	25 5	30 13	0 5	26 11	0 8	35	
30 3	12 5	20 13	20 5	46 10	40 8	48	

Jupiter in 6 deg. of ♄ riseth at 11 and 56 min. at night.  
 ♄ is south at 4 next morning Mars in 14 deg. of ♄ sets at  
 10 a clocke and 2 min. at night. Venus is neere the Sun.  
 Mercury in 11 deg. of ♄ riseth at a quarter after 5 in the  
 morning

The little Dog is south at 7 and 52 min. at night.  
 The Lion is south at 10 and 25 min. at night. Vir-  
 gins spire is at one, and 38 min. morning. South  
 balance is at 3 and 2 min. moz. Scorpius heart  
 is at 4 and 38 minuts in the morning

April.							
day	brea	Sun rise	eng.day	day incr	leng nig	twi	ligh
5 2	55 5	10 13	40 6	6 10	20 9	5	
10 2	40 5	0 14	0 6	26 10	0 9	20	
15 2	25 4	51 14	18 6	34 9	42 9	35	
20 2	8 4	42 14	36 7	2 9	24 9	52	
25 1	51 4	34 14	52 7	18 9	8 10	5	
30 1	30 4	26 15	47 7	24 8	52 10		

♄ riseth at 11 and 40 min in the  
 ♄ is south at 11 and 4 min.  
 of ♄ sets at 10 and 9 min. at  
 of ♄ sets at 8 and 42 min. at  
 of ♄ sets at 7 and 32 min at

May

Roberts 1639.

The use of these Monethly tables is to find the time of the Sunrising, the length of the day and night, the day breake, and the continuance of twilight; with the increasing and decreasing of the dayes: whose use will appeare in this one example.

January 20 I desire all or any of the things before named: I therefore looke for the moneth of January, and on the left hand for the twenty day thereof, under the title of January, and then reading towards the right hand, and in the next coluime is 5 houres and 32 minuts, for the day breake, as the title over it shewes: next is 7 houres 34 min. for the sunrising: next is 11 houres 54 minuts the length of the day: and next is 11 houres 20 minuts, the dayes increase, and so much are the dayes lengthened since they were at the shortest, and so the rest of the coluines as their titles shew: One ly note that the first number is houres, and the second is minuts. Note also that for every moneth there is after his table the planets true place in the Ecliptique of the day of every moneth with their Ascendant rising, southing, and setting, in houres and minuts.

There is also the coming to the south of many of the fixed staries, by which a neere estimate of the houre of the day may be had.



Roberts. 1639.

September.

break	Sun rise.	long. day	day dec.	long. nig.	twilight.
42 5	44 12	32 3	54 11	28 8	18
54 5	54 12	12 4	15 11	48 8	6
5 5	4 11	52 4	35 12	8 7	55
17 5	14 11	32 4	54 12	28 7	43
27 6	24 11	12 5	14 12	48 7	33
38 6	34 10	52 5	34 13	8 7	22

urne in 12 deg. of  $\approx$  is south at 8 and 51 min. at  
and sets a quarter after one in the morning. Iupi-  
deg. of 7 sets at 7 and 55 min. at night. Mars, in 4  
ny riseth at 4 and 25 min. in the mor. Venus, in 18  
sets at 7 and 18 min. at night. Mercury in 25 de.  
 $\approx$  sets at 6 and 33 min. at night.

October.

Sun rise.	long. day	d. decrea	long. nig.	twilight.
44 10	32 5	44 13	28 7	13
54 10	12 6	14 13	48 7	4
3 9	54 6	32 14	6 6	55
12 9	36 6	50 14	24 6	46
21 9	18 7	8 14	42 6	39
30 7	30 9	0 7	26 15	0 6

eta 12 deg: of  $\approx$  is south at 7 and 2 minuts, at  
nd sets at 11 and 26 min. at night. Jupiter in 7  
sets at 5 a clock at night. Mars in 4 deg. of  $\approx$   
4 and 27 min. in the morning. Venus in 13  
sets at 6 and 28 min. at night. Mercury in 16  
seth at 4 and 27 min. in the morning.  
and south at 7 and 29 min. at night. Andromi-  
at 10 and 42 min. at night. first star of Aires  
27 after midnight. Pleiades or 7 stars south  
19 min. in the morning. The Bulls eye south at  
minuts in the morning.



# A Prognostication.

November.							
Dates	d. breake	Sun rise.	lang. day	d. decrea.	leng. night	twil.	
5	5	37 7	40 8	40 7	4 15	22 6	
10	5	34 7	48 8	34 8	2 15	36 6	
15	5	48 7	55 8	10 2	16 15	50 6	
20	5	53 8	1 7	58 8	28 16	2 6	
25	5	56 8	6 7	48 8	38 16	12 6	
30	5	59 8	10 7	40 8	46 16	20 6	

Saturne in 13 Deg. of  $\pi$ , is south at 5 and 2 min. sets and 27 min. the same night. Jupiter in 14 Deg. of  $\uparrow$  sets halfe an houre after the sun Mars in 24 of  $\pi$ , riseth at 4 and 19 min. in the morning. Ue 19 Deg. of  $\uparrow$ , sets at 4 and 54 minutes. Mercury in the sunne. Andromides head south at 8 and 42 min. night. first starre of Aries south at 10 and 27 at night.

December.						
Dates	d. breake	Sun rise.	lang. day	d. decrea.	leng.	
5	6	18	12 7	36 8	50 16	4 5
10	6	28	13 7	34 8	52 16	15 5
15	6	18	13 7	34 d. increa.	16	16 5
20	6	08	11 7	38	4	22 6
25	5	58 8	8 7	44	10 16	16 6
30	5	54 8	3 7	52	28 16	6 6

Saturne in 16 Deg. of  $\pi$  sets at 7 and 31 min. Jupiter in 10 Deg. of  $\uparrow$  and riseth at 6 and 30 min. Mars in 4 Deg. of  $\pi$  riseth at 4 a cliche in the morning. Venus in 7 Deg. of  $\uparrow$ , riseth at 6 and 13 min. Mercury in 17 Deg. of  $\psi$  sets at 4 and 43 min. first star in Aries south at 8 and 19 min. Pleiades or 7 Saires south at 10 and 11 min. The Bulls eye south at 11 a cliche at night.



Roberts 1639.

The use of these monethly tables is to find the time of the Sunrising, the length of the day and night, the day breake, and the continuance of twilight; with the increasing and decreasing of the dayes: whose use will appeare in this one example.

January 20 I desire all or any of the things before named: I therefore looke for the moneth of January, and on the left hand for the twenty day thereof, under the title dayes, and then proceeding towards the right hand, and in the next column is houres and 32 minuts, for the day breake, as

title over it shewes: next is 7 houres 34 min.

sunrising: next is 8 houres 54 minuts the of the day: and next is 1 houre 20 minuts,

as they increase, and so much are the dayes

added since they were at the shortest, and so

of the columns as their titles shew: One

at the first number is houres, and the

minuts. Note also that for every moneth

after his table the planets true place in

the figure of the day of every moneth with

their rising, southing, and setting, in

minuts.

Also the coming to the south of many

starres, by which a neere estimate of

the night may be had.

FINIS.